Docket No.: 0546-1069
Inventor: Thomas Bonald
Filing Date: April 16, 2004
Title: Method for Selecting...

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FIGURE 1

STATION, 1

SET OF
CHANNELS, 2

SET OF
TELEPHONES,

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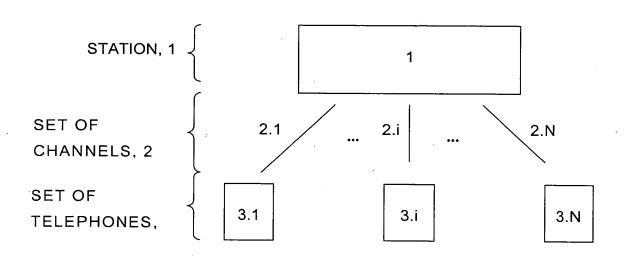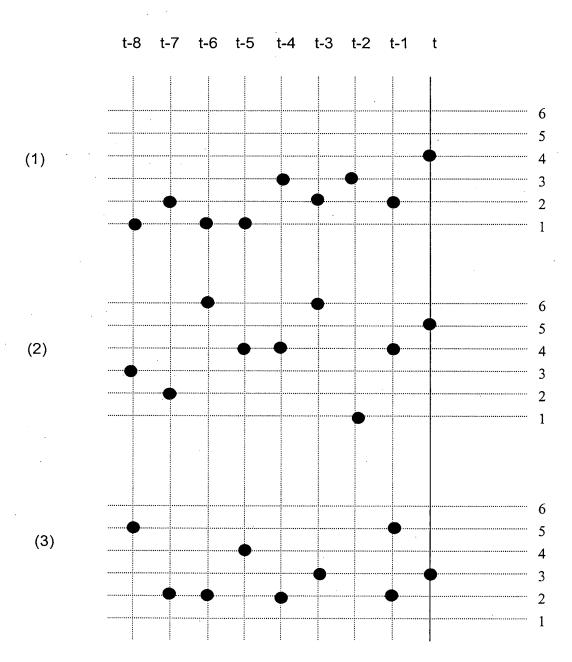Filing Date: April 16, 2004
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FIGURE 2

DOCKET No.: 0546-1069
INVENTOR: THOMAS BONALD
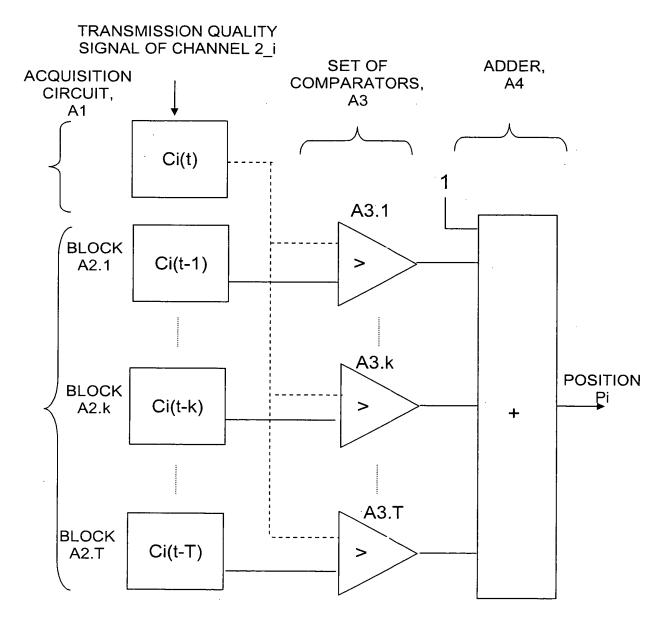FILING DATE: APRIL 16, 2004
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FIGURE 3

TRANSMISSION QUALITY
SIGNAL OF CHANNEL 2_i

ACQUISITION
CIRCUIT,
A1

SET OF
COMPARATORS,
A3

ADDER,
A4

Ci(t)

1

BLOCK
A2.1

Ci(t-1)

A3.1

>

BLOCK
A2.k

Ci(t-k)

A3.k

>

+

POSITION
Pi

BLOCK
A2.T

Ci(t-T)

A3.T

>

MEMORY,
A2

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FIGURE 4

S0 INITIALIZATION   T,N, {Ci(t-k), k IN 1..T}

H ON EACH CLOCK TIMING SIGNAL t

B1 WHERE i IS FROM 1 to N

S1 ACQUISITION Ci(t)

S2 Pi = 1

B2 WHERE k IS FROM 1 to T

T2 Ci(t-k) == Ci(t) AND RAND < 1   NO

T1 Ci(t-k) > Ci(t)   NO   YES

NO

YES

S3 Pi = Pi +1

B3 WHERE k IS FROM T to 1

S4 Ci(t-k+1) = Ci(t-k)

S5 j = ARGMIN {Pi: channel 2_i active}

S6 Channel 2_j TRANSMISSION AUTHORIZATION